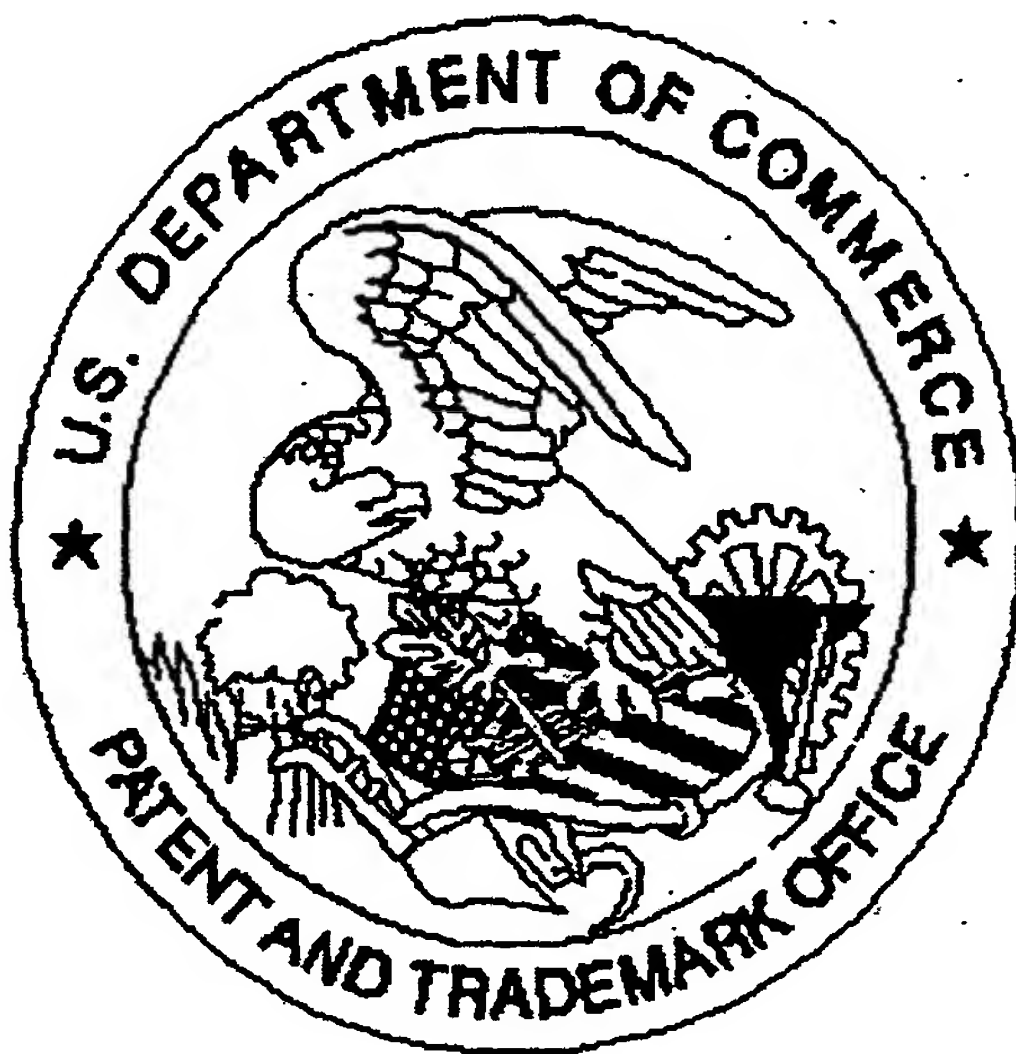


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Figure 2

CloneID	Weight	ADH193	ADH22	ADH79	ADH191	ADH57	ADH180	ADH131	DCIS193	DCIS102	DCIS88	DCIS30	DCIS14	DCIS133	DCIS65	DCIS41	DCIS183	DCIS169	DCIS79	DCIS198	DCIS22	DCIS191	DCIS148	DCIS173	DCIS43	DCIS44	DCIS170	DCIS112	DCIS96	DCIS130	DCIS179	DCIS178	DCIS57	DCIS45	DCIS180	DCIS131
825470	0.9946555	-1.1	-1.2	1.5	2.7	2.6	-1.2	1.5	-1.3	-3.1	-3.3	-2.1	-2.3	-1.2	-1.4	-3.3	-2.3	-1.9	-3.2	-3.5	-1.7	-1.3	-2.4	1	-1	-4.9	-5.1	-3.3	-4.2	-3.1	-1.4	1.5	-2.8	1.2	-5.6	
595213	0.9884884	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	
796694	0.9852686	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	
1404774	-1.563874	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	
823871	-1.526046	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	
1882697	-1.401878	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	
140071	-1.388195	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	
160192	-1.255166	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	
796542	-1.140185	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	
611532	-1.12276	1.6	1.1	1.8	1.3	1.7	-1.6	1.6	1.9	-1.7	-1.4	1.5	1.9	-1.1	1.2	-2.1	-2.8	-2.6	-1.5	-1.6	-2	-1.5	-1.6	-1.2	2.2	-4.9	-5.1	-3.3	-1.2	-1.3	-1.5	-2.2	-3.1	-1.5	-4.2	

Figure 3

ADH v. DCIS

CloneID	Weight	DCIS131	DCIS180	DCIS45	DCIS57	DCIS178	DCIS179	DCIS130	DCIS96	DCIS112	DCIS170	DCIS44	DCIS43	DCIS173	DCIS148	DCIS191	DCIS22	DCIS198	DCIS79	DCIS169	DCIS183	DCIS41	DCIS65	DCIS133	DCIS14	DCIS30	DCIS88	DCIS102	DCIS193	ADH131	ADH180	ADH57	ADH191	ADH79	ADH22	ADH193
1404774	1.1055075	1.4	-1.4	2.4	2.6	1.3	1.1	-2.1	-1.5	-1.2	-4.4	-4.9	-2	-1.4	-1.6	-1.3	-2.9	1.1	-1.5	-2.4	-1.1	-2.7	-2.8	-3	-1.3	-1.4	-2.4	-1.6	23.3	1.9	3.0	1.3	1.1	7.4	13.3	
823871	1.0793322	-3	-2.3	-2.9	2.3	-1.5	-1.4	-1.2	-1.2	-1.8	-2.1	-2.7	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-1.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	3.8	0	3.3	1.3	1.1	3.7	4.6	
1882697	0.9912377	-1.6	-3.5	1.5	1.4	-1	-1.3	-2	-3.3	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
140071	0.981444	-3.4	-1.8	-2.7	-3.8	-3.2	-1.1	-4.2	-3.3	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
160192	0.8881361	-4.2	-1.5	-2.7	-3.8	-3.2	-1.1	-4.2	-3.3	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
796542	0.8065473	-5.6	-1.2	-3.1	-2.2	-1.5	-1.3	-4.2	-3.3	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
611532	0.7940887	-3.5	-2.3	-2.8	-1.5	-1.3	-1.2	-4.2	-3.3	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
1473274	0.7192163	-1.7	-1.3	-2.2	1.3	-1.2	-1.4	-2	-4.4	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
469306	0.7124518	-1.4	-1.7	-2.2	1.3	-1.2	-1.4	-2	-4.4	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
2306097	0.632874	-1.2	-1.6	-2	1	-1.2	-1.4	-2	-4.4	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
132857	0.6309399	-1.2	-1.6	-2	1	-1.2	-1.4	-2	-4.4	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
2504881	0.6203353	-1.2	-1.6	-2	1	-1.2	-1.4	-2	-4.4	-5.1	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
760299	0.5833731	-4	-1.1	-2.3	-1.6	-2.2	-2.9	-3	-3.8	-4.4	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
293819	0.579204	-2.2	-2.9	-1	-1.9	-2.1	-4.8	-2.5	-3.8	-4.4	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
130835	0.577839	-2.7	-3.4	-2.7	1.9	1.7	1.3	1.7	1.2	-2.3	-5.1	-1.4	1.7	-4.1	1.6	1	-6.2	1.1	-1.4	-1.2	-2.9	1.4	-7	0	-1.8	1.5	-1.8	-1.8	3.2	3.6	2.8	2.4	3.1	1.5	1.1	
66532	0.5730392	1.7	1.4	1.4	1.9	1	2.5	1.7	1.2	-2.3	-5.1	-1.4	1.7	-4.1	1.6	1	-6.2	1.1	-1.4	-1.2	-2.9	1.4	-7	0	-1.8	1.5	-1.8	-1.8	3.2	3.6	2.8	2.4	3.1	1.5	1.1	
2499829	0.5721214	-5.4	-3.5	-1.5	-2.7	-1.1	-1.1	-2.5	-3.8	-4.4	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	
85840	0.5631767	-3.6	-1.5	-3.5	1.7	1.4	3.3	2	-8.3	-2	-2.7	-1.9	1.4	-2.9	1.5	-1.7	-2.9	-1	-1.6	-2.4	-1.4	-1.3	1.3	-1.4	-1.2	-1.1	-1.9	-2.4	7.1	-1.8	3.6	1.3	4.5	2.9	3.1	
859359	0.548134	-5.4	-3.6	-1.5	-2.7	-1.1	-1.1	-2.5	-3.8	-4.4	-4.4	-4.9	-1	-2.5	-1	-1.4	-1.3	-1.2	-1.6	-2.6	-2.8	-2.2	-1.4	-1.9	-1.4	-1.5	-2.2	-1.6	2.5	2	2.6	1.3	1.1	7.4	13.3	

[illegible]

41208	0.4698129	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
322561	0.4620063	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
951008	0.46111936	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
841308	0.4601052	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
119290	0.4600804	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
344959	0.459756	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
810331	0.4595986	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
1161775	0.4580465	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
625399	0.4580244	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
1470657	0.4570216	-1.8	-1.5	-1.3	-1.1	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6																	

[illegible]

859192	0.4023529	-1.7	-3.3	-2.2	-1.3	-1.6	-2.5	-1.4	1.1	-2.9	-1.7	-1.3	-2	-1.2	-1.5
712023	0.3999513	-1.2	-1.9	-1.7	-1.7	-1	1.4	1.1	1.5	1.4	1.3	-1.1	1.2	-1.3	-1.5
855586	0.3999902	-1.8	1.6	1	-1.6	-1	1.3	1.1	-2	1.1	1.3	1.5	-1	1.5	-1.5
52419	0.3992954	-1.2	-1.5	-1.7	-1.2	-1.4	1.2	-2.1	-1	-1.5	-2.3	1.5	-2.8	-1.1	-1.3
432072	0.398966	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	1.3	1.5	1.3	1.5	1.3	1.5	1.3	1.5
1897947	0.3970589	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
727229	0.3968594	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
810358	0.3950449	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
154600	0.394675	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
755855	0.3946204	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
323780	0.394052	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
230560	0.3939731	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
283173	0.3931281	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
265853	0.3928079	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
161456	0.3905569	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
184022	0.3904773	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
1636523	0.3888353	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
795730	0.3887336	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
1631682	0.3886488	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
811837	0.3879744	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
854763	0.3848391	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
50562	0.3845986	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1
46843	0.3840151	-1.7	-3.3	-2.2	-1.3	-1.4	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1
178137	0.3838396	-1.2	-1.3	-1.4	-1.3	-1.1	-1.6	-1.2	-3.1	2.5	1.1	1.1	1.1	1.1	1.1

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343695	0.3018496	1.3	1.1	1.8	1.7	1.6	-2.1	-2.3	1.1	1.1	1.1	-1.3	-2.4	1.3	2.1	1.8	-1	-1.1	1.8	1.7	1.6	-1.4	-3.5	-1.4
414999	0.3013864	-1.2	-1.5	-1.1	-1.4	-1.1	-1	-1.1	-1.7	4	2.6	1	3	2.1	2.1	2.1	3	2.6	1	4	-1.2	-1.3	-1.9	
813823	0.3012088	2	-1.3	4.5	1.4	5.3	-2.2	1.3	-5	-1.7	-2.7	-1	1.1	-4.5	1.8	-1	-1.4	-2.6	-1.1	1.5	2.1	1.5	1.5	
178825	0.3003079	-1.1	1.5	3.1	1.2	-1	-1.1	-4.5	1.2	-1.7	-1.1	-1.2	2.4	2.5	2.1	-2.2	2.4	2.5	-2.1	2.6	1.5	1.5	1.5	
85582	0.2999867	-1.3	1.6	-2.7	-1.8	-2.3	2.2	2.5	-1	-1.3	-3.7	-1.1	1.6	-1.8	1.1	1.2	2	-2.9	6.9	-1.9	-1.3	-1.9	-1.9	
753620	0.2990486	1.4	1.6	-1.6	1.1	1.3	-3.7	-1.1	-1.4	1.1	1.6	-1.8	1.4	-1	-1.8	1.4	-1	1.2	2	-2.9	-1.3	-1.3	-1.3	
1896338	0.2989117	-1.5	-1.1	-1.4	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
359250	0.2988154	-1.3	1.6	-2.7	-1.8	-2.3	2.2	2.5	-1	-1.3	-3.7	-1.1	1.6	-1.8	1.1	1.2	2	-2.9	6.9	-1.9	-1.3	-1.9	-1.9	
345034	0.2987787	-1.2	-1.7	-2.3	-1.9	-2.3	2.2	2.5	-1	-1.3	-3.7	-1.1	1.6	-1.8	1.1	1.2	2	-2.9	6.9	-1.9	-1.3	-1.9	-1.9	
2164744	0.297328	-1.4	-1.9	-2.8	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
613056	0.297114	-1.6	-1.1	-1.4	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
1410444	0.2943645	-1.7	-1.8	-1.9	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
593023	0.2943396	-1.3	-2.4	-1.3	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
788511	0.2941433	-1.1	-1.3	-1.1	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
455269	0.2939008	-1.1	-1.3	-1.1	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
1650927	0.2936121	-1.1	-1.3	-1.1	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
782427	0.2933137	-1.1	-1.3	-1.1	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
71727	0.2931521	-1.1	-1.3	-1.1	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
840942	0.2930498	-1.1	-1.3	-1.1	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
825470	-0.7032642	-1.1	-1.3	-1.1	-1.1	-1.4	-1.1	-1.2	2.1	3	2.1	2.1	2.1	2.2	2.1	1.1	1.1	1.1	-1.4	-2.6	-1.1	-1.6	-1.6	
595213	-0.6989738	-1																						

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150003	-0.4484189	-1.1	1.2	-2.3	-1.1	-1.4	-1.2	-1.3	-1.1	1	1.2	1.6	-5.1	1.3	-1	-1.1	1.4	1.4	-1.1	1.4	1.4	-2.6	1.3	2	-1.1	1.2	2.9
287749	-0.4468898	1.4	-1.8	-3.9	-1.8	-1.4	-1.9	-1.1	-1.1	-1.4	1.5	1.3	-1.2	1.4	-1.5	-1.2	1.4	1.6	-1.3	1.3	1.3	-1.5	1.2	1.7	2.4	1.2	
25380	-0.4374535	1.5	1.8	-1.1	2.3	-1.4	2.1	-1.7	-1.1	-1.3	1.3	1.3	-1.1	-1.1	-2.1	-1.7	-1.1	-1.6	-1.4	-1.6	-1.1	-1.6	-1.4	1.7	1.5	1.2	
745083	-0.4368357	1.3	4	-3.1	1	-1.1	-2.1	-1.6	-1.5	-1.2	1.4	2.6	-1.6	-1.5	-1.2	-1.2	1.4	1.6	-1.1	-1.6	-1.1	-1.6	-1.2	2.9	1.7	1.7	
810899	-0.4368174	-1.1	1.2	-2.3	-1.1	-1.4	-1.5	-1.3	-1.1	-1.4	1.5	1.9	-1.3	1.3	-1.1	-1.4	2.1	-1.9	1	-1.4	2.1	-1.9	1	-1.4	1.4	1.4	
768059	-0.4364357	1.4	-1.8	-3.9	-1.8	-1.4	-1.9	-1.1	-1.1	-1.3	1.3	1.3	-1.2	1.4	-1.5	-1.2	1.4	1.6	-1.1	-1.6	-1.1	-1.6	-1.2	2.2	1.4	2.2	
815026	-0.4361184	1.1	1.4	-1.1	1.5	-1.5	-1.3	-1.1	-1.5	-1.3	1.3	1.3	-1.1	-1.5	-1.3	-1.1	1.5	-1.1	-1.5	-1.1	1.5	-1.1	1.5	-1.1	1.5	-1.1	
741474	-0.4354956	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
788641	-0.4341429	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
2043167	-0.4309893	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
1492780	-0.4270384	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
2306987	-0.4267557	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
754653	-0.4250939	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
743810	-0.4233198	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
126858	-0.4230946	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
2017415	-0.4220588	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
280507	-0.4218857	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1	-1.1	1.1	-1.1	1.1	-1.1	
67237	-0.4203845	1.3	1.2	-1.1	1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.1	1.1	-1.1	1.1	-1.1	-1.1	1.1	1.1	-1.1	-1.1	1.1						